Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1. (Currently Amended) A computer readable recording medium, ~~wherein~~ having an IP (Internet Protocol) network service oriented DIT (Directory Information Tree) construction ~~including a customer sub-tree and a policy sub-tree is~~ recorded, said ~~recording medium including mapping established between said customer sub-tree and said policy sub-tree~~ computer-readable recording medium characterized in:

said IP (Internet Protocol) network service-oriented DIT (Directory Information Tree) construction having:

a customer sub-tree having a plurality of service entries to be generated responding to a customer's request and a plurality of policy entries to be generated as a subordinate of each service entry;

a policy sub-tree having a plurality of policy rule format entries necessary for managing the policy; and

a system sub-tree including a plurality of service class definition entries; and

that each of said service entries makes a reference to the policy rule format entries via the service class definition entry that corresponds to its own attribute, and generates the policy rule entry according to the policy rule format of this policy rule format entry.

2. (Currently Amended) The computer readable recording medium ~~defined in claim 1, wherein said IP network oriented DIT construction sub-tree further has network sub-trees~~ according to claim 1, characterized in that said IP (internet Protocol) network service-oriented DIT (Directory Information Tree) construction is configured so as to set a condition parameter written in the policy rule format, to which a reference was made in generating the policy rule entry, for the policy rule entry.

3. (Currently Amended) [[A]] The computer readable recording medium~~, wherein an IP (Internet Protocol) network service oriented DIT (Directory Information Tree) construction including a customer sub-tree and a policy sub-tree is recorded, comprising: plural service entries dangling below said customer sub-tree; plural policy rule entries dangling below each of said service entries; plural policy rule format entries dangling below said policy sub-tree; and plural service class definition entry dangling below said system sub-tree; each of said plural service entries including as an attribute a condition parameter which is referred to from each policy rule entry via each policy rule format entry; each of said plural service entries including as an attribute an action parameter which is referred to from each policy rule entry via each policy rule format entry and via each service class definition entry~~ according to claim 2, characterized in that said IP (Internet Protocol) network service-oriented DIT (Directory Information Tree) construction is configured so as to generate the policy entry based upon status information representing whether the policy rule entry was generated as a subordinate of the service entry, said status information being set as an attribute of said service entry.

4. (Currently Amended) The computer readable recording medium ~~defined in claim 4, wherein each of said plural service entries further includes as an attribute a service type specifying a band and a packet transfer priority, said service type being the name of a specific one of said service class definition entries~~ according to claim 3, characterized in that said IP (Internet Protocol) network service-oriented DIT (Directory Information Tree) construction is configured so as to set a parameter for designating a time for applying the policy as an attribute of said service entry.

5. (Currently Amended) The computer readable recording medium ~~defined in claim 4, wherein each of said plural service entries further includes as an attribute a rule creation state indicating whether or not a policy rule entry is created below each service entry itself~~ according to claim 3, characterized in that said IP (Internet Protocol) network service-oriented DIT (Directory Information Tree) construction is configured so as to set a parameter for designating an object of application of the policy as an attribute of said policy rule entry.

6. (Original) The computer readable recording medium defined in claim 4, wherein each of said plural service entries further includes as an attribute a provisioning date/unprovisioning date which controls a policy setting/releasing operation from a policy management system.

7. (Original) The computer readable recording medium defined in claim 4, wherein each of said plural service entries further includes as an attribute a network element acquired when a policy rule entry below each service entry is set.

8. (Original) The computer readable recording medium defined in claim 4, wherein each of said plural service class definition entries further includes as an attribute a parameter representing a feature of a service corresponding to a service type and a pointer to a policy rule format entry to be applied to said service.

9. (Original) The computer readable recording medium defined in claim 4, wherein each of said plural policy rule format entries further includes as an attribute a condition parameter and an action parameter, each to be possessed by a policy rule, and a network element to which said policy rule is applied.

10. (Original) The computer readable recording medium defined in claim 4, wherein each of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry, a rule state indicating whether or not said policy rule has been applied to a network element, and a target network element specifying a network element to which said policy rule is applied.

11. (Original) The computer readable recording medium defined in claim 4, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.

12. (Original) The computer readable recording medium defined in claim 3, wherein each of said plural service entries further includes as an attribute a rule creation state indicating whether

or not a policy rule entry is created below each service entry itself.

13. (Original) The computer readable recording medium defined in claim 12, wherein each of said plural service entries further includes as an attribute a provisioning date/unprovisioning date which controls a policy setting/releasing operation from a policy management system.

14. (Original) The computer readable recording medium defined in claim 12, wherein each of said plural service entries further includes as an attribute a network element acquired when a policy rule entry below each service entry is set.

15. (Original) The computer readable recording medium defined in claim 12, wherein each of said plural service class definition entries further includes as an attribute a parameter representing a feature of a service corresponding to a service type and a pointer to a policy rule format entry to be applied to said service.

16. (Original) The computer readable recording medium defined in claim 12, wherein each of said plural policy rule format entries further includes as an attribute a condition parameter and an action parameter, each to be possessed by a policy rule, and a network element to which said policy rule is applied.

17. (Original) The computer readable recording medium defined in claim 12, wherein each of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry, a rule state indicating whether or not said policy rule has been applied to a network element, and a target network element specifying a network element to which said policy rule is applied.

18. (Original) The computer readable recording medium defined in claim 12, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.

19. (Original) The computer readable recording medium defined in claim 3, wherein each of

said plural service entries further includes as an attribute a provisioning date/unprovisioning date which controls a policy setting/releasing operation from a policy management system.

20. (Original) The computer readable recording medium defined in claim 19, wherein each of said plural service entries further includes as an attribute a network element acquired when a policy rule entry below each service entry is set.

21. (Original) The computer readable recording medium defined in claim 19, wherein each of said plural service class definition entries further includes as an attribute a parameter representing a feature of a service corresponding to a service type and a pointer to a policy rule format entry to be applied to said service.

22. (Original) The computer readable recording medium defined in claim 19, wherein each of said plural policy rule format entries further includes as an attribute a condition parameter and an action parameter, each to be possessed by a policy rule, and a network element to which said policy rule is applied.

23. (Original) The computer readable recording medium defined in claim 19, wherein each of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry, a rule state indicating whether or not said policy rule has been applied to a network element, and a target network element specifying a network element to which said policy rule is applied.

24. (Original) The computer readable recording medium defined in claim 19, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.

25. (Original) The computer readable recording medium defined in claim 3, wherein each of said plural service entries further includes as an attribute a network element acquired when a policy rule entry below each service entry is set.

26. (Original) The computer readable recording medium defined in claim 25, wherein each of said plural service class definition entries further includes as an attribute a parameter representing a feature of a service corresponding to a service type and a pointer to a policy rule format entry to be applied to said service.

27. (Original) The computer readable recording medium defined in claim 25, wherein each of said plural policy rule format entries further includes as an attribute a condition parameter and an action parameter, each to be possessed by a policy rule, and a network element to which said policy rule is applied.

28. (Original) The computer readable recording medium defined in claim 25, wherein each of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry, a rule state indicating whether or not said policy rule has been applied to a network element, and a target network element specifying a network element to which said policy rule is applied.

29. (Original) The computer readable recording medium defined in claim 25, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.

30. (Original) The computer readable recording medium defined in claim 3, wherein each of said plural service class definition entries further includes as: an attribute a parameter representing a feature of a service corresponding to a service type and a pointer to a policy rule format entry to be applied to said service.

31. (Original) The computer readable recording medium defined in claim 30, wherein each of said plural policy rule format entries further includes as an attribute a condition parameter and an action parameter, each to be possessed by a policy rule, and a network element to which said policy rule is applied.

32. (Original) The computer readable recording medium defined in claim 30, wherein each

of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry, a rule state indicating whether or not said policy rule has been applied to a network element, and a target network element specifying a network element to which said policy rule is applied.

33. (Original) The computer readable recording medium defined in claim 30, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.

34. (Original) The computer readable recording medium defined in claim 3, wherein each of said plural policy rule format entries further includes as an attribute a condition parameter and an action parameter, each to be possessed by a policy rule, and a network element to which said policy rule is applied.

35. (Original) The computer readable recording medium defined in claim 34, wherein each of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry, a rule state indicating whether or not said policy rule has been applied to a network element, and a target network element specifying a network element to which said policy rule is applied.

36. (Original) The computer readable recording medium defined in claim 34, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.

37. (Original) The computer readable recording medium defined in claim 3, wherein each of said plural policy rule entries further includes as an attribute a pointer to a corresponding policy rule format entry, a rule state indicating whether or not said policy rule has been applied to a network element, and a target network element specifying a network element to which said policy rule is applied.

38. (Original) The computer readable recording medium defined in claim 37, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.

39. (Original) The computer readable recording medium defined in claim 3, wherein said IP network oriented DIT construction sub-tree further has network sub-trees.